



Senior Project Engineer

If you are committed to public service, enjoy collaborating with others, share our values and have a desire to learn and grow, join [The City of Calgary](#). City employees deliver the services, run the programs and operate the facilities which make a difference in our community. We support work-life balance, promote physical and psychological safety, and offer competitive wages, pensions, and [benefits](#). Together we make Calgary a great place to make a living, a great place to make a life.

The City is committed to fostering a respectful, inclusive and equitable workplace which is representative of the community we serve. We welcome those who have demonstrated a commitment to upholding the values of equity, diversity, inclusion, anti-racism and reconciliation. Applications are encouraged from members of groups that are historically disadvantaged and underrepresented. Accommodations are available during the hiring process, upon request.

As a Senior Project Engineer, you will be responsible for the project initiation, alternatives evaluation, and conceptual design of large infrastructure projects supporting Waste & Recycling service line by tracking business drivers to initiate design for required infrastructure investments. You will be responsible for project management, collaboration, technical and business decision-making, address risks, and assess project priorities including regulatory limitations, technology evaluation, budget, and schedule. Primary duties include:

- Plan, design, manage, and deliver projects for large-scale waste and recycling infrastructure programs such as the composting facility expansion and mixed-use facilities.
- Analyze data, prepare reports, and make conclusions within the scope of assignments provided by other team members, senior technical advisors, and leadership.
- Deliver technical programs to ensure that planned infrastructure will accommodate growth, as well as foreseeable changes in regulations, service levels, or industry best practice.
- Carry out options evaluation, feasibility and constructability analysis, and conceptual engineering related to the construction of new mixed-use facilities and the expansion of the composting facility.
- Prepare Requests for Proposals for hiring consultants; manage consultants and contractors to ensure contracts are delivered on schedule, on budget, and to a high-quality standard.
- Assess existing facilities and infrastructure and evaluate the need for improvements based on condition assessment, processing technologies currently available for the materials and scale needed, and regulatory considerations.
- Provide technical expertise, support, and guidance to team members and consultants on practical solutions and alternatives to complex technical issues.
- Manage communication with interested parties, regulators, private businesses, landowners, and Project Steering Committee.
- Assess opportunities for optimization and potential future expansion of Calgary's composting facility.
- Support capital prioritization process and assist with the development of business cases in support of capital infrastructure projects.
- Provide technical expertise in procurement strategies and make recommendations to project teams.
- Design process improvement initiatives and liaise with partners to ensure timing does not conflict with operations.
- Develop Terms of Reference and direct consultants involved in studies and projects related to Utilities Delivery infrastructure and asset management.

Qualifications

- A degree in Civil or Environmental Engineering or a related Engineering field and at least 8 years of relevant professional engineering experience obtained after receiving your P.Eng. designation and a current licensure as a Professional Engineer with the Association of Professional Engineers and Geoscientists of Alberta (APEGA) complete with practicing status OR licensure and practicing status by the first day of work. [Click here for more details](#).
- Experience must include the planning and designing of large-scale infrastructure, including knowledge of waste and recycling assets and processes.
- A valid Class 5 Driver's Licence (or provincial equivalent), with no more than 6 demerits OR a Graduated Driver's Licence (GDL) with no more than 4 demerits, and no current charges or suspension pending.
- Access to a personal vehicle for business use is an asset.
- Experience working in conceptual design and alternatives evaluation of waste management infrastructure is an asset.
- Success in this role requires:
 - Analytical thinking, decision-making, problem-solving abilities, risk assessment, organization, and time management skills.
 - Experience in project management involving multiple design contracts, business, and financial management.
 - Ability to collaborate and communicate effectively on technical, operational, and business issues with different groups and individuals.
- Ability to obtain a City of Calgary [operator's permit](#).

Working Conditions: Office environment with regular site visits to waste management facilities to conduct inspections where use of Personal Protective Equipment (PPE) is required.

Pre-employment Requirements

- Successful applicants must provide proof of qualifications.

Workstyle: This position may be eligible to work from home for at least part of the time as one of several flexible work options available to City employees. These arrangements depend on the operational requirements of the role, employee suitability, and are subject to change based on operational needs and corporate direction.

Position and Pay Information

Business Unit: Utilities Delivery

Union: Exempt Engineer

Position Type: 1 Permanent

Compensation: Level P4E \$138,475 - 173,094 per annum

Hours of work: Standard 35 hour work week

Days of work: This position works a 5-day work week earning 1 day off in a 3 week cycle.

Location: 480 36 Avenue SE

Audience: Internal/External

Apply By: May 27, 2026

Job ID: 314286

Apply online at www.calgary.ca/careers